

# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/SE 2004/001238

## A. CLASSIFICATION OF SUBJECT MATTER

**IPC7: G01J 1/42**

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

**IPC7: G01J, G01T, H01L**

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

**SE,DK,FI,NO classes as above**

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

**EPO-INTERNAL,WPI,PAJ**

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>"THEORY AND DESIGN OF A TAPERED LINE DISTRIBUTED PHOTODETECTOR." Jin-Wei Shi et al. In: JOURNAL OF LIGHTWAVE TECHNOLOGY, vol.20 no.11 November 2002, IEEE page 1943,col.1,line 26-line 42.,abstract</p> <p>--</p>	1-15
A	<p>PATENT ABSTRACTS OF JAPAN vol.200 no.013 5 February 2001(2001-02-05) &amp; JP 2000275455 A(SUMITOMO OSAKA CEMENT CO LTD.), 6 January 2001(2001-01-06) fig. 3,5,6,abstract</p> <p>--</p>	1-15

Further documents are listed in the continuation of Box C.

See patent family annex.

- \* Special categories of cited documents:
- "A" document defining the general state of the art which is not considered to be of particular relevance
- "B" earlier application or patent but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed
- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- "&" document member of the same patent family

Date of the actual completion of the international search  
**2 December 2004**

Date of mailing of the international search report  
**22-12-2004**

Name and mailing address of the ISA/  
Swedish Patent Office  
Box 5055, S-102 42 STOCKHOLM  
Facsimile No. + 46 8 666 02 86

Authorized officer  
**Anna Lundqvist /itw**  
Telephone No. + 46 8 782 25 00

**INTERNATIONAL SEARCH REPORT**International application No.  
PCT/SE 2004/001238**C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5900631 A (M.SANO), 4 May 1999 (04.05.1999), whole document  --- -----	1-15

**INTERNATIONAL SEARCH REPORT**

International application No.  
PCT/SE 2004/001238

US	5900631	A	04/05/1999	JP	2773730	B	09/07/1998
				JP	9243450	A	19/09/1997

---